

STRUCTURE FILE UPDATES: 12 MAY 2002 HIGHEST RN 414355-21-8  
DICTIONARY FILE UPDATES: 12 MAY 2002 HIGHEST RN 414355-21-8

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STNote 27, Searching Properties in the CAS  
Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s direct blue 14/cn

L1 1 DIRECT BLUE 14/CN

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 72-57-1 REGISTRY

CN 2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-  
diyl)bis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt (9CI) (CA INDEX  
NAME)

OTHER CA INDEX NAMES:

CN C.I. Direct Blue 14, tetrasodium salt (8CI)

CN Diphenyl Blue (6CI)

OTHER NAMES:

CN Amanil Sky Blue R

CN Bencidal Blue 3B

CN Benzamine blue

CN Benzanil Blue 3BN

CN Benzo blue

CN Benzo Blue 3BS

CN Blue 3B

CN Blue EMB

CN Brasilamina Blue 3B

CN C.I. 23850

CN C.I. Direct Blue 14

CN Chloramine Blue 3B

CN Chrome Leather Blue 3B

CN Congo blue

CN Cresotine Blue 3B

CN Diamine Blue 3B

CN Diamineblue

CN Diaphtamine Blue TH

CN Diazine Blue 3B

CN Diazol Blue 3B

CN Diphenyl Blue 3B

CN **Direct Blue 14**

CN Direct Blue 3B

CN Direct Blue M 3B

CN Hispamin Blue 3BX

CN Naphthylamine blue

CN Niagara Blue

CN Niagara Blue 3B

CN Paramine Blue 3B

CN Pontamine Blue 3BX

CN Sodium ditolyldisazobis-8-amino-1-naphthol-3,6-disulfonate

CN Trypan (Congo) Blue

CN Trypan blue

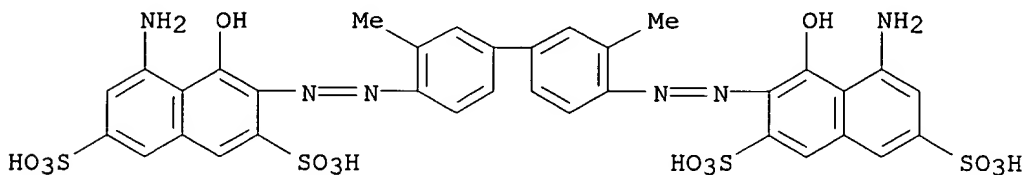
CN Trypan Blue BPC

CN Trypane blue

DR 179472-55-0

MF C34 H28 N6 O14 S4 . 4 Na

CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
 CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, HSDB\*, IPA, MEDLINE,  
 MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT, RTECS\*, TOXCENTER,  
 USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 CRN (2538-83-2)



● 4 Na

618 REFERENCES IN FILE CA (1967 TO DATE)  
 10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 619 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 43 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s direct blue 1/cn  
 L2 1 DIRECT BLUE 1/CN

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
 RN 2610-05-1 REGISTRY  
 CN 1,3-Naphthalenedisulfonic acid, 6,6'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-  
 diyl)bis(azo)]bis[4-amino-5-hydroxy-, tetrasodium salt (9CI) (CA INDEX  
 NAME)

OTHER CA INDEX NAMES:

CN C.I. Direct Blue 1, tetrasodium salt (8CI)  
 CN Chicago Blue 6B (6CI)

OTHER NAMES:

CN Airedale Blue FFD  
 CN Amanil Sky Blue 6B  
 CN Amanil Sky Blue FF  
 CN Atlantic Resin Fast Blue LLGG  
 CN Atlantic Sky Blue 6B  
 CN Atlantic Sky Blue FF  
 CN Atul Direct Sky Blue FB  
 CN Azine Brilliant Blue 6B  
 CN Azocard Blue 6B  
 CN Belamine Sky Blue FF  
 CN Benzanil Sky Blue FF  
 CN Benzo Brilliant Blue 6BS  
 CN Brasilamina Sky Blue 6B  
 CN Brilliant Benzo Blue  
 CN Brilliant Benzo Blue 6BA-CF  
 CN Brilliant blue 6B  
 CN C.I. 24410  
 CN C.I. Direct Blue 1  
 CN Calcodur Blue 6GFL  
 CN Calcodur Resin Fast Blue 6G  
 CN Calcomine Sky Blue FF  
 CN Chicago Blue  
 CN Chicago Sky Blue

CN Chicago Sky Blue 6B  
 CN Chloramine Sky Blue FF  
 CN Chlorantine Fast Blue B 5GL  
 CN Chlorazol Sky Blue FF  
 CN Chrome Leather Sky Blue GS  
 CN Cresotine Blue 6B  
 CN Diacotton Sky Blue 6B  
 CN Diaphtamine Blue BS  
 CN Diazine Sky Blue FF  
 CN Diazol Pure Blue 6B  
 CN Diphenyl Brilliant Blue FF  
 CN Direct Azure Blue 6B  
 CN **Direct Blue 1**  
 CN Direct Blue 6B  
 CN Direct Blue 6BS  
 CN Direct Blue FF  
 CN Direct Bright Blue  
 CN Direct Brilliant Blue FF  
 CN Direct Brilliant Blue MFF  
 CN Direct Brilliant Sky Blue 6B  
 CN Direct Pure Blue 6B  
 CN Direct Pure Blue FF  
 CN Direct Pure Sky Blue  
 CN Direct Sky Blue 6B  
 CN Direct Sky Blue 6BS

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY

MF C34 H28 N6 O16 S4 . 4 Na

CI COM

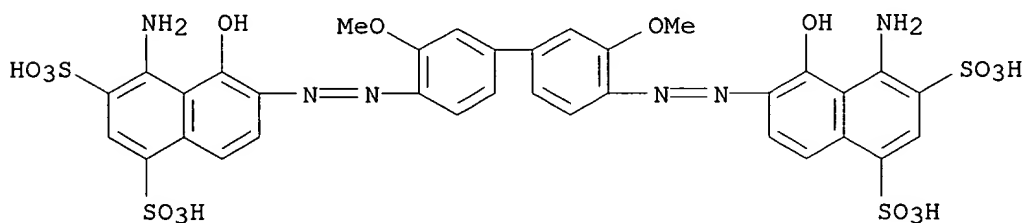
LC STN Files: AGRICOLA, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CANCERLIT,  
 CAOLD, CAPLUS, CEN, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, HSDB\*,  
 IFICDB, IFIPAT, IFIUIDB, MEDLINE, NIOSHTIC, PIRA, PROMT, RTECS\*,  
 SPECINFO, TOXCENTER, USPATFULL

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CRN (3841-14-3)



● 4 Na

313 REFERENCES IN FILE CA (1967 TO DATE)

3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

313 REFERENCES IN FILE CAPLUS (1967 TO DATE)

45 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s direct blue 53/cn

L3 1 DIRECT BLUE 53/CN

=> d

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 314-13-6 REGISTRY

CN 1,3-Naphthalenedisulfonic acid, 6,6'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-

diyl)bis(azo)]bis[4-amino-5-hydroxy-, tetrasodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Azovan Blue (6CI)

CN C.I. Direct Blue 53, tetrasodium salt (8CI)

OTHER NAMES:

CN 4,4'-Bis[7-(1-amino-8-hydroxy-2,4-disulfo)naphthylazo]-3,3'-bitolyl tetrasodium salt

CN C.I. 23860

CN C.I. Direct Blue 53

CN Diazol Pure Blue BF

CN **Direct Blue 53**

CN Evan's Blue

CN Evans Blue

CN T 1824

DR 179472-53-8

MF C34 H28 N6 O14 S4 . 4 Na

CI COM

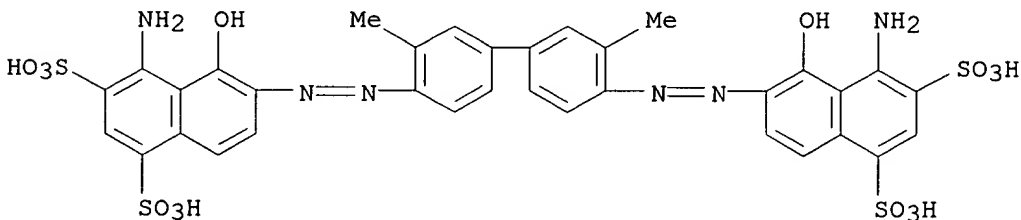
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, RTECS\*, SPECINFO, TOXCENTER, USAN, USPATFULL, VETU

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CRN (6968-33-8)



● 4 Na

392 REFERENCES IN FILE CA (1967 TO DATE)

15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

392 REFERENCES IN FILE CAPLUS (1967 TO DATE)

25 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s direct blue 98/cn

L4 1 DIRECT BLUE 98/CN

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 6656-03-7 REGISTRY

CN Cuprate(3-), [.mu.-[7-[[3,3'-di(hydroxy-.kappa.O)-4'-[[1-(hydroxy-.kappa.O)-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo-.kappa.N1][1,1'-biphenyl]-4-yl]azo-.kappa.N1]-8-(hydroxy-.kappa.O)-1,6-naphthalenedisulfonato(7-)]di-, trisodium (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,6-Naphthalenedisulfonic acid, 7-[[3,3'-dihydroxy-4'-[[1-hydroxy-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo][1,1'-biphenyl]-4-yl]azo]-8-hydroxy-, copper complex

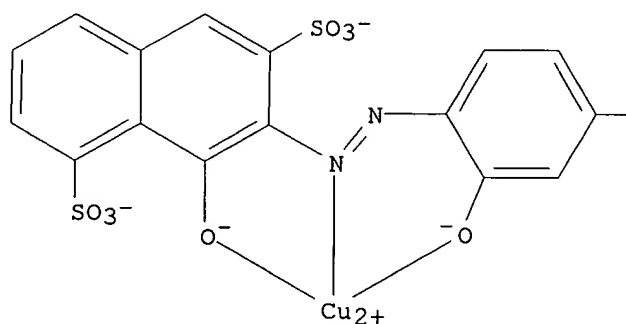
CN Copper, [trihydrogen 7-[[4'-[(6-anilino-1-hydroxy-3-sulfo-2-naphthyl)azo]-3,3'-dihydroxy-4-biphenyl]azo]-8-hydroxy-1,6-naphthalenedisulfonato(4-)]di-, trisodium salt (7CI)

CN Cuprate(3-), [.mu.-[7-[[3,3'-dihydroxy-4'-[[1-hydroxy-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo][1,1'-biphenyl]-4-yl]azo]-8-hydroxy-1,6-naphthalenedisulfonato(7-))]di-, trisodium

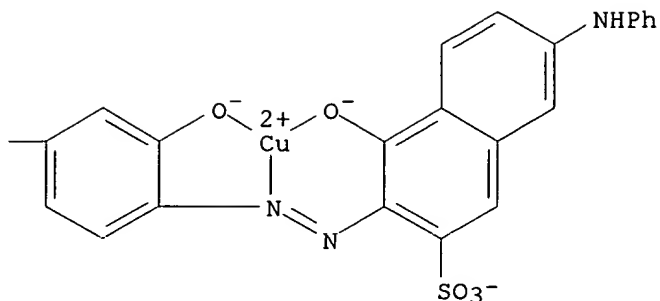
OTHER NAMES:

CN Azoanthrene Royal Blue L  
CN Benzanil Supra Blue FBGL  
CN C.I. 23155  
CN C.I. Direct Blue 98  
CN Chlorantine Fast Blue A 2GLL  
CN Chlorantine Fast Blue BLL  
CN Cuprofix Blue LUL  
CN Dermafix Yellow 2F  
CN Diaphtamine Light Blue FBGL  
CN Diazol Light Blue 3JLN  
CN **Direct Blue 98**  
CN Fastusol Blue LFGL  
CN Fastusol Blue LR  
CN Fenaluz Blue FG  
CN Fenaluz Blue FRL  
CN Pyrazol Fast Blue LUL  
CN Pyrazoline Blue 2RCF  
CN Saturn Blue LFBG  
CN Sirius Supra Blue FBGL  
CN Solantine Blue GLFV  
CN Solantine Blue GLFW  
CN Solex Blue FBGL  
CN Solex Blue RL  
CN Solius Light Blue FBGL  
CN Solophenyl Blue 3GL  
CN Sumilight Supra Blue FBGL  
CN Triantine Light Yellow RR  
DR 253167-36-1  
MF C38 H20 Cu2 N5 O13 S3 . 3 Na  
CI CCS  
LC STN Files: CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, TOXCENTER, USPATFULL  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

PAGE 1-A



● 3 Na<sup>+</sup>



24 REFERENCES IN FILE CA (1967 TO DATE)  
 24 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s acid blue 113/cn  
 L5 1 ACID BLUE 113/CN

=> d

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 3351-05-1 REGISTRY

CN 1-Naphthalenesulfonic acid, 8-(phenylamino)-5-[[4-[(3-sulfophenyl)azo]-1-naphthalenyl]azo]-, disodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN C.I. Acid Blue 113 (7CI)

CN C.I. Acid Blue 113, disodium salt (8CI)

OTHER NAMES:

CN **Acid Blue 113**

CN Acid Fast Blue 5R

CN Acid Leather Blue 5RN

CN Acid Leather Blue RN

CN Acid Milling Navy Blue 2RNX

CN Alphanol Blue 5RN

CN Amacid Fast Navy 5R

CN Atul Acid Cyanine Blue 5R

CN Azo Cyanine Blue 5R Extra

CN Benzyl Fast Blue 5R

CN C.I. 26360

CN Cirene Blue 5RA

CN Cloth Blue 5R

CN Cloth Fast Blue R

CN Cloth Fast Blue RN

CN Cloth Fast Blue S 5R

CN Colacid Fast Blue 5R

CN Coomassie Navy Blue 2RN

CN Cyanine Navy Blue 2RNX

CN Cyanine Navy Blue 5R

CN Eniacid Cloth Blue 5R

CN Erio Fast Blue S 5R

CN Erionyl Blue S 5R

CN Erionyl Navy Blue 2RN

CN Erionyl Navy R

CN Eriosin Fast Blue S 5R

CN Everacid Milling Cyanine 5R

CN Fast Blue 5R

CN Fenazo Blue S 5R

CN Folan Fast Navy Blue 5R

CN Hispacid Cloth Blue 5RF

CN Intrazone Fast Blue 5RS

CN Java Fast Blue 5R

CN Kayanol Cyanine 5R

CN Kayanol Milling Cyanine 5R

CN Levanol Fast Cyanine 5RN  
 CN Milling Fast Blue 5R  
 CN Naphthalene Leather Navy 2RN  
 CN Neutral Blue 5R  
 CN Neutral Fast Blue 5R  
 CN Nylomine Acid Navy C 2R  
 CN Nylomine Acid Navy P 2R  
 CN Nylosan Navy N-RBL  
 CN Nylosan Navy N-RE  
 CN Optanol Cyanine 5R extra  
 CN Polan Navy Blue R  
 CN Pontacyl Fast Blue 5R  
 CN Rifa Acid Cyanine 5R

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY

DR 101708-55-8, 67512-10-1

MF C32 H23 N5 O6 S2 . 2 Na

CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA,  
 CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHM, CSNB, IFICDB, IFIPAT,  
 IFIUDB, PROMT, SPECINFO, TOXCENTER, USPATFULL

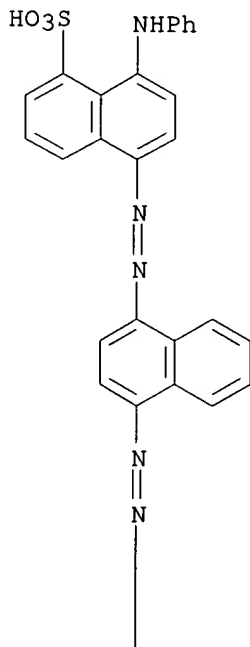
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Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

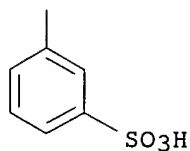
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CRN (24758-50-7)

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PAGE 2-A



145 REFERENCES IN FILE CA (1967 TO DATE)  
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
145 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s direct red/cn  
L6 1 DIRECT RED/CN

=> d

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 80701-77-5 REGISTRY  
CN **Direct Red (9CI)** (CA INDEX NAME)  
MF Unspecified  
CI MAN  
LC STN Files: BIOBUSINESS, BIOTECHNO, CA, CAPLUS, CIN, CSCHEM, EMBASE,  
TOXCENTER, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
25 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
25 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s cibacronb gn-e/cn  
L7 0 CIBACRONB GN-E/CN

=> s cibacronb gne/cn  
L8 0 CIBACRONB GNE/CN

=> s cibacronb gn?/cn  
L9 0 CIBACRONB GN?/CN

=> s cibacronb/cn  
L10 0 CIBACRONB/CN

=> s cibacron gn-e/cn  
L11 0 CIBACRON GN-E/CN

=> s cibacron gne/cn  
L12 0 CIBACRON GNE/CN

=> s cibacron gn?/cn  
L13 0 CIBACRON GN?/CN

=> s cibacron/cn  
L14 0 CIBACRON/CN

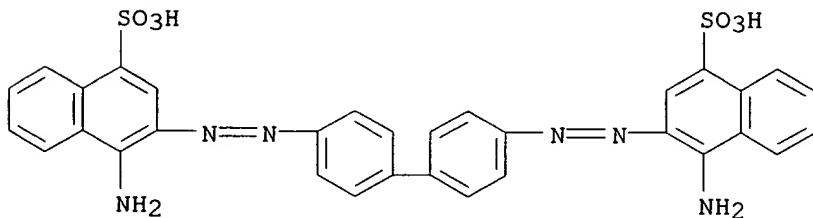
=> s direct red 28/cn  
L15 1 DIRECT RED 28/CN

=> d

L15 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 573-58-0 REGISTRY  
CN 1-Naphthalenesulfonic acid, 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[4-amino-, disodium salt (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN C.I. Direct Red 28, disodium salt (8CI)  
OTHER NAMES:  
CN Atlantic Congo Red  
CN Atul Congo Red  
CN Azocard Red Congo  
CN Benzo Congo Red  
CN Brasilamina Congo 4B  
CN C.I. 22120



CN C.I. Direct Red 28  
 CN Congo red  
 CN Congo Red 4B  
 CN Congo Red 4BX  
 CN Congo Red CR  
 CN Congo Red H  
 CN Congo Red K  
 CN Congo Red L  
 CN Congo Red M  
 CN Congo Red N  
 CN Congo Red R  
 CN Congo Red RS  
 CN Congo Red sodium salt  
 CN Congo Red W  
 CN Congo Red WS  
 CN Cotton Red 4BC  
 CN Cotton Red 5B  
 CN Cotton Red L  
 CN Diacotton Congo Red  
 CN Direct Congo Red  
 CN **Direct Red 28**  
 CN Direct Red C  
 CN Direct Red DC-CF  
 CN Direct Red K  
 CN Erie Congo 4B  
 CN Haemomedical  
 CN Haemonorm  
 CN Hemorrhagyl  
 CN Hispamin Congo 4B  
 CN Kayaku Congo Red  
 CN Mitsui Congo Red  
 CN Peeramine Congo Red  
 CN Red K  
 CN Solucongo  
 CN Sugai Congo Red  
 CN Tertrodirect Red C  
 CN Trisulfon Congo Red  
 CN Vondacel Red CL  
 DR 550-08-3, 70248-72-5, 87440-95-7  
 MF C32 H24 N6 O6 S2 . 2 Na  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS,  
 CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU,  
 EMBASE, GMELIN\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*,  
 MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS\*, SPECINFO, TOXCENTER, TULSA,  
 USAN, USPATFULL, VETU  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 CRN (14684-01-6)

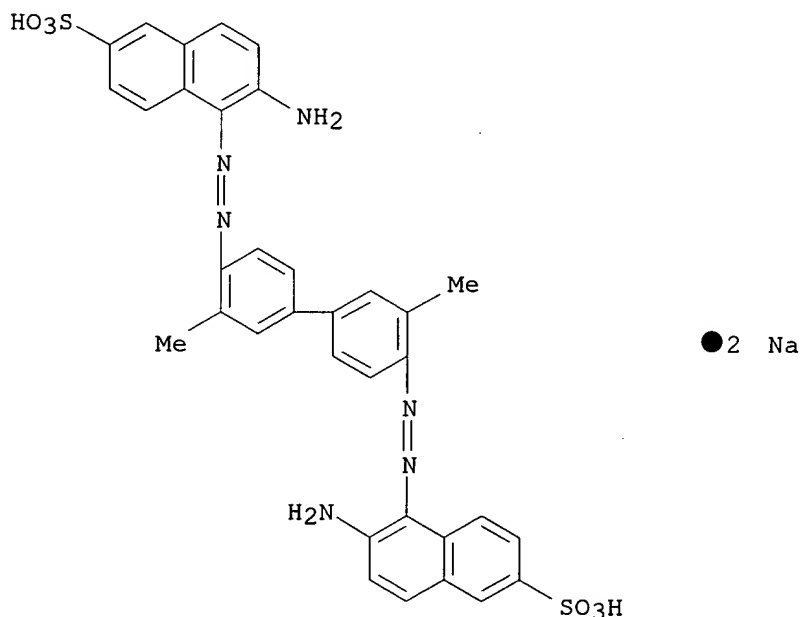


1128 REFERENCES IN FILE CA (1967 TO DATE)  
49 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1128 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s direct red 21/cn  
L16 1 DIRECT RED 21/CN

=> d

L16 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 6406-01-5 REGISTRY  
CN 2-Naphthalenesulfonic acid, 5,5'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[6-amino-, disodium salt (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN C.I. Direct Red 21, disodium salt (8CI)  
OTHER NAMES:  
CN Benzopurpurine B  
CN C.I. 23560  
CN C.I. Direct Red 21  
CN **Direct Red 21**  
CN Hispamin Red B  
CN L 667639  
MF C34 H28 N6 O6 S2 . 2 Na  
LC STN Files: BIOSIS, CA, CAPLUS, CHEMCATS



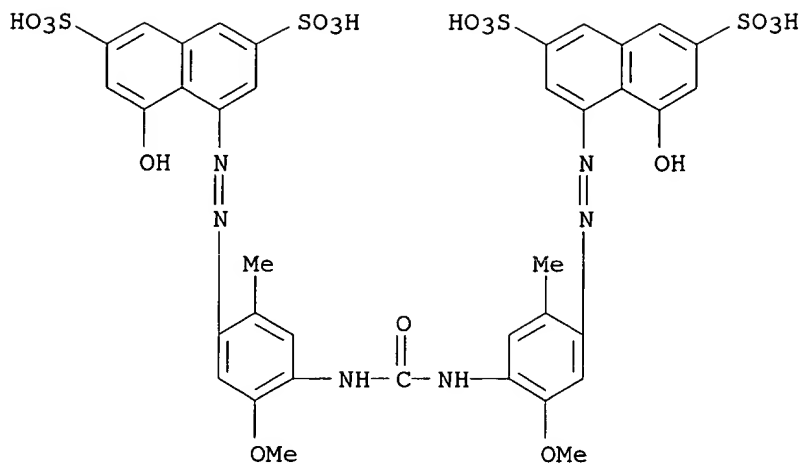
2 REFERENCES IN FILE CA (1967 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s direct red 79/cn  
L17 1 DIRECT RED 79/CN

=> d

L17 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 1937-34-4 REGISTRY  
CN 2,7-Naphthalenedisulfonic acid, 4,4'-[carbonylbis[imino(5-methoxy-2-methyl-4,1-phenylene)azo]]bis[5-hydroxy-, tetrasodium salt (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:

CN C.I. Direct Red 79 (7CI)  
CN C.I. Direct Red 79, tetrasodium salt (8CI)  
OTHER NAMES:  
CN Amanil Supra Red 6BLL  
CN Atlantic Resin Fast Red 6BLL  
CN Benzanil Supra Red 6BLL  
CN C.I. 29065  
CN Calcodur Red 6BL  
CN Calcodur Resin Fast Red 6B  
CN Chlorantine Fast Red 6BLL  
CN Chrome Leather Red 6BLL  
CN Dialuminous Red 4BL  
CN Diazol Light Red 6BL  
CN Dicorel Red L 6A  
CN Direct Fast Red L 6A  
CN Direct Light Red M 6BLL  
CN Direct Lightfast Red S  
CN **Direct Red 79**  
CN Direct Red L 6A  
CN Direct Red Lightfast S  
CN Durazol Red 6B  
CN Durazol Red 6BS  
CN Durofast Red 6BLL  
CN Eliamina Light Red 6BL  
CN Fastusol Red L 4BL-CF  
CN Fenaluz Red 4BL  
CN Helion Red 6BL  
CN Intralite Red 6BLL  
CN Kayarus Supra Red 6BL  
CN Orbantin Red 4BL  
CN Oxanal Red 6BLL  
CN Paranol Fast Red 6BL  
CN Pontamine Fast Red 6BL  
CN Pyrazol Fast Red 6BL  
CN Saturn Red L 4B  
CN Sirius Supra Red 4BL  
CN Sirius Supra Red 4BLA  
CN Solamine Fast Red 4BL  
CN Solamine Light Red 4BL  
CN Solantine Red 6BLL  
CN Solar Red 2BL  
CN Solius Light Red 6BL  
CN Solius Red 4BL  
CN Solophenyl Red 6 BL  
CN Solophenyl Red 6BL  
CN Sumilight Supra Red 4BL  
CN Suprexcel Red 6BL  
CN Tertrodirect Fast Red 6B  
CN Tetramine Fast Red 6BL  
CN Triantine Fast Red 4BL  
CN Triantine Light Red 4BL  
MF C37 H32 N6 O17 S4 . 4 Na  
LC STN Files: ANABSTR, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSCHM,  
MEDLINE, TOXCENTER, USPATFULL  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)  
CRN (25784-17-2)



● 4 Na

111 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 111 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s reactive blue cibacron?/cn  
 L18 0 REACTIVE BLUE CIBACRON?/CN  
 => s reactive blue cibacron gn-e/cn  
 L19 0 REACTIVE BLUE CIBACRON GN-E/CN  
 => s reactive blue cibacron gn?/cn  
 L20 0 REACTIVE BLUE CIBACRON GN?/CN  
 => s reactive blue cibacron c-r/cn  
 L21 0 REACTIVE BLUE CIBACRON C-R/CN  
 => s reactive blue/cn  
 L22 1 REACTIVE BLUE/CN  
 => d

L22 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
 RN 107249-17-2 REGISTRY  
 CN **Reactive Blue (9CI)** (CA INDEX NAME)  
 MF Unspecified  
 CI MAN  
 SR CA  
 LC STN Files: AGRICOLA, BIOSIS, CA, CAPLUS, CIN, PROMT, TOXCENTER,  
 USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
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 11 REFERENCES IN FILE CAPLUS (1967 TO DATE)

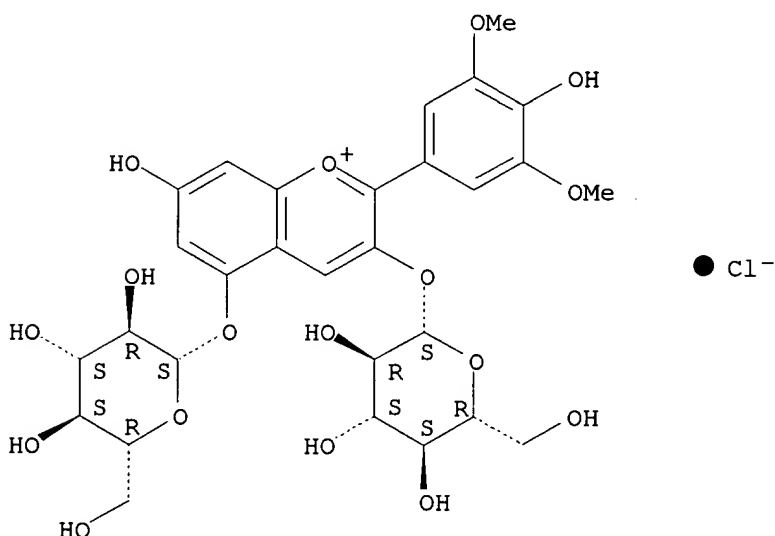
=> s malvin/cn  
 L23 1 MALVIN/CN

=> d

L23 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
 RN 16727-30-3 REGISTRY

CN 1-Benzopyrylium, 3,5-bis(.beta.-D-glucopyranosyloxy)-7-hydroxy-2-(4-hydroxy-3,5-dimethoxyphenyl)-, chloride (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN **Malvin (6CI, 8CI)**  
 OTHER NAMES:  
 CN Malvidin 3,5-di-O-glucoside  
 CN Malvidin 3,5-diglucoside  
 CN Malvidin diglucoside  
 CN Malvidol 3,5-diglucoside chloride  
 CN Malvin chloride  
 CN Malvoside  
 FS STEREOSEARCH  
 DR 55059-33-1, 28675-66-3  
 MF C29 H35 O17 . Cl  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IPA, MSDS-OHS, NAPRALERT, PROMT, TOXCENTER, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 CRN (47863-30-9)

Absolute stereochemistry.



272 REFERENCES IN FILE CA (1967 TO DATE)  
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 273 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
 9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
115.46	115.67

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 09:00:21 ON 13 MAY 2002